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BOUGHT.

QUEEN VICTORIA NIAGARA FALLS PARK.

CATALOGUE OF PLANTS

WHICH HAVE BEEN FOUND GROWING WITHOUT
CULTIVATION IN THE

PARK AND ITS OUTLYING TERRITORIES.

COLLECTED, MOUNTED AND CATALOGUED FOR THE PARK HERBARIUM
IN THE SUPERINTENDENT'S OFFICE

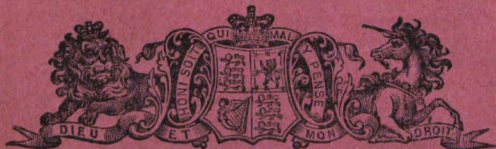
BY
RODERICK CAMERON,
Chief Gardener.

APPENDIX

TO THE REPORT OF THE SUPERINTENDENT OF THE PARK FOR THE YEAR

1894.

PRINTED BY ORDER OF THE LEGISLATIVE ASSEMBLY.



TORONTO:
WARWICK BROS. & RUTTER, PRINTERS, &c., 68 AND 70 FRONT STREET WEST.
1895.

HARVARD UNIVERSITY HERBARIUM, digitized by Google

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QUEEN VICTORIA NIAGARA FALLS PARK.

JAMES WILSON, Esq.,

Superintendent.

DEAR SIR,—Acting under your instructions I have, at odd moments during the past four years, collected a large number of specimens of the better known plants found growing without cultivation in the Park; and have mounted and catalogued them for convenience of reference.

So far 105 families, comprising 417 genera and 915 species, have been found; and I have no doubt that many others will yet be discovered. As you desired to have the catalogue embrace only such plants as have been mounted and are on evidence in the Herbarium, I have not included any of the many other species not found by me but which have been noted by visiting botanists from time to time in the immediate vicinity of the Park.

I have to thank Professor John Macoun, the eminent Chief Botanist of the Geological Survey of Canada for verifying the names of the several species and for many acts of courtesy and words of encouragement.

The lichens and other families have not yet been taken in hand for want of time. These will add a considerable number of species to the number above noted.

The whole respectfully submitted.

RODERICK CAMERON,
Gardener.

NAMES OF THE NATURAL FAMILIES OF PLANTS.

Order.	No. of genera.	No. of species.
1 Ranunculaceæ	10	22
2 Magnoliaceæ	2	3
3 Anonaceæ	1	1
4 Menispermaceæ	1	1
5 Berberidaceæ	3	3
6 Nymphæaceæ	1	2
7 Sarraceniaceæ	1	1
8 Papaveraceæ	3	3
9 Fumariaceæ	1	2
10 Cruciferae	15	30
11 Capparidaceæ	1	1
13 Cistaceæ	1	1
14 Violaceæ	2	13
15 Caryophyllaceæ	8	16
16 Portulacaceæ	2	3
18 Hypericaceæ	2	7
20 Malvaceæ	3	4
21 Tiliaceæ	1	2
22 Linaceæ	1	1
23 Geraniaceæ	3	6
24 Rutaceæ	2	3
25 Illicineæ	1	1
26 Celastraceæ	2	3
27 Rhamnaceæ	1	1
28 Vitaceæ	2	3
29 Sapindaceæ	4	6
30 Anacardiaceæ	1	5
31 Polygalaceæ	1	3
32 Leguminosæ	13	32
33 Rosaceæ	13	46
35 Saxifragaceæ	6	12
36 Crassulaceæ	2	3
38 Hamamelaceæ	1	1
39 Haloragææ	1	2
41 Lythraceæ	2	2
42 Onagraceæ	5	11
Ficoideæ	1	1
48 Umbelliferæ	14	18
49 Araliaceæ	1	5
50 Cornaceæ	2	9
51 Caprifoliaceæ	6	19
52 Rubiaceæ	4	14
54 Dipsaceæ	1	1
55 Compositæ	40	87

Order.	No. of genera.	No. of species.
56 Lobeliaceæ	1	4
57 Campanulaceæ	2	6
58 Ericaceæ	10	19
61 Primulaceæ	3	7
65 Oleaceæ	3	6
66 Apocynaceæ	1	2
67 Asclepiadaceæ	2	6
69 Gentianaceæ	2	3
70 Polemoniaceæ	2	2
71 Hydrophyllaceæ	1	2
72 Boraginaceæ	6	11
73 Convolvulaceæ	2	3
74 Solanaceæ	4	8
75 Scrophulariaceæ	14	28
76 Orobanchaceæ	3	3
77 Lentibulaceæ	1	2
78 Bignoniaceæ	1	1
80 Acanthaceæ	1	1
81 Verbenaceæ	2	3
82 Labiatae	16	24
83 Plantaginaceæ	1	2
86 Amaranthaceæ	1	2
87 Chenopodiaceæ	3	6
88 Phytolaccaceæ	1	1
89 Polygonaceæ	3	16
91 Aristolochiaceæ	1	1
92 Piperaceæ	1	1
93 Lauraceæ	2	2
94 Thymeleaceæ	1	1
95 Elæagnaceæ	1	1
97 Santalaceæ	1	1
98 Euphorbiaceæ	2	3
99 Urticaceæ	8	9
100 Plantanaceæ	1	1
101 Juglandaceæ	2	5
103 Cupuliferæ	6	14
104 Salicaceæ	2	9
106 Ceratophyllaceæ	1	1
107 Coniferæ	6	10
108 Hydrocharidaceæ	3	3
110 Orchidaceæ	10	20
113 Iridaceæ	2	2
114 Amaryllidaceæ	1	1
115 Dioscoreaceæ	1	1
116 Liliaceæ	11	25
117 Pontederiaceæ	2	2
121 Juncaceæ	2	12
122 Typhaceæ	2	4
123 Araceæ	2	2
125 Alismaceæ	3	6
126 Naiadaceæ	2	10
128 Cyperaceæ	6	50

Order.	No. of genera.	No. of species.
129 Gramineæ	26	45
130 Equisetaceæ	1	7
131 Filices.....	15	42
132 Ophioglossaceæ
133 Lycopodiaceæ	1	2
134 Selaginellaceæ	1	1

Hepaticæ	1	5
Musci	18	36
Lichenes.....		20

Order 1. RANUNCULACEÆ.—Crowfoot Family.

CLEMATIS.

Clematis Virginiana Virgin's Bower.

ANEMONE.

Anemone cylindrica Long-fruited Anemone.
Anemone parviflora Small-flowered Anemone.
Anemone nemorosa Wood Anemone or Wind-flower.

HEPATICA.—Liver Leaf.

Hepatica triloba Round-lobed Hepatica.
Hepatica acutiloba Sharp-lobed Hepatica.

THALICTRUM.—Meadow Rue.

Thalictrum anemonoides Rue Anemone.
Thalictrum polygamum Meadow Rue.
Thalictrum dioicum Early Meadow Rue.

RANUNCULUS.—Crowfoot, Buttercup.

Ranunculus aquatilis var *trichophyllus*.., Water Crowfoot.
Ranunculus sceleratus..... Cursed Crowfoot.
Ranunculus recurvatus Hooked Crowfoot.
Ranunculus Pennsylvanicus Bristly Crowfoot.
Ranunculus fascicularis Early Crowfoot.
Ranunculus repens Creeping Crowfoot.
Ranunculus acris Buttercup Crowfoot.

CALTHA.—Marsh Marigold.

Caltha palustris Marsh marigold.

COPTIS.—Gold Thread.

Coptis trifolia Three-leaved Gold thread.

AQUILEGIA.—Columbine.

Aquilegia Canadensis..... Wild Columbine

ACTÆA.—Baneberry.

- Actæa spicata var rubra.....Red Baneberry.
 Actæa albaWhite Baneberry.

CIMICIFUGA.—Bugbane.

- Cimicifuga racemosaBlack Snakeroot.

Order 2. MAGNOLIACEÆ.—Magnolia Family.

MAGNOLIA.

- Magnolia acuminataCucumber Tree.
 Magnolia umbrellæUmbrella Tree.

LIRIODENDRON.

- Liriodendron tulipiferaTulip tree.

Order 3. ANONACEÆ.—Custard Apple Family

ASIMINA.

- Asimina trilobaPapaw tree.

Order 4. MENISPERMACEÆ.—Moonseed Family.

MENISPERMUM.

- Menispermum CanadenseMoonseed.

Order 5. BERBERIDACEÆ.—Barberry Family.

BERBERIS.

- Berberis vulgaris.....Common barberry.

CAULOPHYLLUM.

- Caulophyllum thalictroidesBlue cohosh or Pappoose-root.

PODOPHYLLUM.

- Podophyllum peltatumMay apple.

Order 6. NYMPHÆACEÆ.—Water Lily Family.

NYMPHÆA.

- Nymphæa odorataWhite water lily.
 Nuphar advenaYellow water lily.

Order 7. SARRACENIACEÆ.—Pitcher Plant Family.

SARRACENIA.

- Sarracenia purpureaSide saddle flower.

Order 8. PAPAVERACEÆ.—Poppy Family.

PAPAYER.

Papaver somniferum Common poppy.

CHELIDONIUM.

Chelidonium majus Celandine.

SANGUINARIA.

Sanguinaria Canadensis Bloodroot.

Order 9. FUMARIACEÆ.—Fumitory Family.

DICENTRA.

Dicentra Cucullaria Dutchman's breeches.

Dicentra Canadensis Squirrel corn.

Order 10. CRUCIFERÆ.—Mustard Family.

NASTURTIIUM.

Nasturtium officinale True water cress.

Nasturtium palustre Marsh cress.

Nasturtium palustre var *hispidum* Marsh cress.

Nasturtium Armoracia Horse radish.

HESPERIS.—Rocket.

Hesperis matronalis Dame's Violet.

DENTARIA.—Toothwort.

Dentaria diphylla Toothwort pepper root.

Dentaria laciniata Toothwort pepper root.

LUNARIA.—Satin Flower.

Lunaria biennis Honesty.

CARDAMINE.—Bitter Cress.

Cardamine rhomboidea Spring cress.

Cardamine rhomboidea var *purpurea* .. Spring cress.

Cardamine hirsuta Small bitter cress.

ARABIS.—Rock Cress.

Arabis lyrata Rock cress.

Arabis confinis Rock cress.

Arabis hirsuta Rock cress.

Arabis lævigata Rock cress.

Arabis Canadensis Sickle pod.

Arabis perfoliata Tower mustard.

BARBAREA.—Winter Cress.

- Barbarea vulgaris* Common winter cress.
Barbarea vulgaris var *stricta*..... Common winter cress.

ERYSIMUM.—Treacle Mustard.

- Erysimum cheiranthoides* Worm seed mustard.

SISYMBRIUM.

- Sisymbrium officinale*..... Hedge mustard.

BRASSICA.

- Brassica sinapistrum* or *sinapis arvensis*..English charlock.
Brassica (or *sinapis*) *nigra*..... Black mustard.
Brassica rapa Turnip.

ALYSSUM.

- Alyssum calycinum*..... Yellow alyssum.

CAMELINA.

- Camelina sativa* False flax.

CAPSELLA.

- Capsella Bursa-pastoris* Shepherd's purse.

LEPIDIUM.—Pepperwort.

- Lepidium intermedium* Wild pepper grass.
Lepidium campestre Pepperwort pepper grass.

CAKILE.

- Cakile Americana* American sea rocket.

Order 11. CAPPARIDACEÆ.—Caper Family.**POLANISIA.**

- Polanisia graveolens* Polanisia.

Order 13. CISTACEÆ.—Rock Rose Family.

- Helianthemum Canadense* Frost weed.

Order 14. VIOLACEÆ.—Violet Family.

- Solea concolor* Green violet.

VIOLA.—Heart's-ease.

<i>Viola rotundifolia</i>	Round-leaved violet.
<i>Viola lanceolata</i>	Lance-leaved violet.
<i>Viola blanda</i>	Sweet white violet.
<i>Viola odorata</i>	Sweet or English violet.
<i>Viola palustris</i>	Marsh violet.
<i>Viola palmata</i> var <i>cucullata</i>	Common blue violet.
<i>Viola canina</i> var <i>sylvestris</i>	Dog violet.
<i>Viola rostrata</i>	Long-spurred violet.
<i>Viola Canadensis</i>	Canada violet.
<i>Viola pubescens</i>	Downy yellow violet.
<i>Viola eriocephalus</i>	
<i>Viola tricolor</i>	Pansy or heartsease.

Order 15. CARYOPHYLLACEÆ.—Pink Family.

DIANTHUS.—Carnation.

<i>Dianthus Armeria</i>	Deptford pink.
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SAPONARIA.—Soapwort.

<i>Saponaria officinalis</i>	Bouncing Bet.
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SILENE.

<i>Silene antirrhina</i>	Sleepy catchfly.
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LYCHNIS.—Cockle.

<i>Lychnis vespertina</i>	Evening lychnis.
<i>Lychnis Githago</i>	Corn cockle.
<i>Lychnis diurna</i>	Ragged Robin.

ARENARIA.—Sandwort.

<i>Arenaria serpyllifolia</i>	Thyme leaved sandwort.
<i>Arenaria lateriflora</i>	Sandwort.

STELLARIA.

<i>Stellaria media</i>	Common chickweed.
<i>Stellaria longifolia</i>	Long-leaved stitchwort.
<i>Stellaria longipes</i>	Long-stalked stitchwort.

CERASTIUM.

<i>Cerastium vulgatum</i>	Mouse-ear chickweed.
<i>Cerastium viscosum</i>	Larger mouse-ear chickweed.
<i>Cerastium nutans</i>	Annual chickweed.
<i>Cerastium arvense</i>	Field chickweed.

Order 16. PORTULACACEÆ.—Purslane Family.

<i>Portulaca oleracea</i>	Common purslane.
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CLAYTONIA.

- Claytonia Virginica Narrow-leaved spring beauty.
 Claytonia Caroliniana Broad-leaved spring beauty

Order 18. HYPERICACEÆ.—St. John's Wort Family.

- Hypericum Kalmianum Kalm's St. John's wort.
 Hypericum perforatum Common St. John's wort.
 Hypericum mutilum Hypericum.
 Hypericum maculatum Hypericum, Corymbed
 Hypericum Canadense Hypericum.
 Hypericum Canadense var majus Hypericum.

ELODES.

- Elodes Virginica Marsh St. John's wort.

Order 20. MALVACEÆ.—Mallow Family.

- Malva rotundifolia Common mallow.
 Malva moschata Musk mallow.

ABUTILON.—Indian Mallow.

- Abutilon Avicennæ Velvet leaf.

HIBISCUS.—Rose Mallow.

- Hibiscus Trionum Bladder ketmia.

Order 21. TILIACEÆ.—Linden Family.

- Tilia Americana Basswood.
 Tilia Europæa European linden.

Order 22. LINACEÆ.—Flax Family.

- Linum usitatissimum Common flax.

Order 23. GERANIACEÆ.—Geranium Family.

- Geranium maculatum Wild cranesbill.
 Geranium pusillum Small flowered cranesbill.
 Geranium Robertianum Herb Robert.

IMPATIENS.—Balsam Jewel Weed.

- Impatiens pallida Pale touch-me-not.
 Impatiens fulva Spotted touch-me-not.

OXALIS.—Wood Sorrel.

- Oxalis stricta Yellow wood sorrel.

Order 24. RUTACEÆ.—Rue Family.

ZANTHOXYLUM.

Zanthoxylum Americanum Prickly ash.

PTELEA.—Shrubby Trefoil.

Ptelea trifoliata Hop tree.

Ailanthus glandulosus Tree of Heaven.

Order 25. ILICINEÆ.—Holly Family.

ILEX.

Ilex verticillata Black alder winterberry.

Order 26. CELASTRACEÆ.—Staff Tree Family.

CELASTRUS.

Celastrus scandens Wax work or climbing bitter sweet.

EUONYMUS.

Euonymus atropurpureus Strawberry tree.

Euonymus obovatus Trailing euonymus.

Order 27. RHAMNACEÆ.—Buckthorn Family.

CEANOTHUS.

Ceanothus Americanus New Jersey tea.

Order 28. VITACEÆ.—Vine Family.

VITIS.—Grape.

Vitis æstivalis Summer grape.

Vitis riparia Frost grape.

AMPELOPSIS.—Virginian Creeper.

Ampelopsis quinquefolia Virginian creeper.

Order 29. SAPINDACEÆ.—Soapberry Family.

STAPHYLEA.

Staphylea trifolia American bladder nut.

ÆSCULUS.

Æsculus Hippocastanum Common horse-chestnut.

ACER.—Maple.

Acer spicatum Mountain maple.

Acer saccharinum Sugar or rock maple.

Acer dasycarpum White or rock maple.

Acer rubrum Red or soft maple.

NEGUNDO.—Ash Leaved Maple or box-elder.

Negundo aceroides Box elder.

Order 30. ANACARDIACEÆ.—Cashew Family.

RHUS.—Sumach.

<i>Rhus typhina</i>	Stag horn sumach.
<i>Rhus venenata</i>	Poison sumach, or dogwood.
<i>Rhus toxicodendron</i>	Poison ivy, or poison oak.
<i>Rhus aromatica</i>	Fragrant sumach.
<i>Rhus toxicodendron</i> var <i>radicans</i>	Poison ivy.

Order 31. POLYGALACEÆ.—Milk Wort Family.

<i>Polygala verticillata</i>	Milk wort.
<i>Polygala senega</i>	Seneca snakeroot.

Order 32. LEGUMINOSÆ.—Pulse Family.

LUPINUS.

<i>Lupinus perennis</i>	Wild lupine.
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TRIFOLIUM.

<i>Trifolium arvense</i>	Rabbit foot clover.
<i>Trifolium pratense</i>	Red clover.
<i>Trifolium repens</i>	White clover.
<i>Trifolium agrarium</i>	Yellow or hop clover.
<i>Trifolium procumbens</i>	Low hop clover.
<i>Trifolium hybridum</i>	Alsike.

MELILOTUS.—Sweet Clover.

<i>Melilotus officinalis</i>	Yellow melilot.
<i>Melilotus alba</i>	White melilot.

MEDICAGO.—Medick.

<i>Medicago sativa</i>	Lucerne.
<i>Medicago lupulina</i>	Black medick.

ROBINIA.—Locust Tree.

<i>Robinia Pseudacacia</i>	Common locust or false Acacia.
<i>Robinia viscosa</i>	Clammy locust.

ASTRAGALUS.

<i>Astragalus Canadensis</i>	Milk vetch.
<i>Astragalus Cooperi</i>	Milk vetch.

DESMODIUM.—Tick Trefoil.

<i>Desmodium nudiflorum</i>	Tick trefoil.
<i>Desmodium acuminatum</i>	Tick trefoil.
<i>Desmodium rotundifolium</i>	Tick trefoil.
<i>Desmodium cuspidatum</i>	Tick trefoil.
<i>Desmodium paniculatum</i>	Tick trefoil.
<i>Desmodium Canadense</i>	Tick trefoil.
<i>Desmodium rigidum</i>	Tick trefoil.

LESPEDEZA.

- Lespedeza reticulata* Bush clover.
Lespedeza hirta Bush clover.

VICIA.—Vetch. Tare.

- Vicia Cracca* Vetch.
Vicia Caroliniana Vetch.
Vicia Americana Vetch.

LATHYRUS.—Everlasting Pea.

- Lathyrus ochroleucus* Vetchling.
Lathyrus palustris Marsh vetchling.

APIOS.—Wild Bean.

- Apios tuberosa* Ground nut.

PHASEOLUS.

- Phaseolus diversifolius* Kidney bean.

AMPHICARPÆA.—Hog Peanut.

- Amphicarpæa monoica* Hog peanut.

Order 33. ROSACEÆ.—Rose Family.**PRUNUS.—Plum.**

- Prunus Americana* Wild yellow or red plum.
Prunus Pennsylvanica Wild red cherry.
Prunus Virginiana Choke cherry.
Prunus serotina Wild black cherry.

SPIRÆA.—Meadow-sweet.

- Spiræa opulifolia* Nine bark.
Spiræa salicifolia Meadow sweet.

AGRIMONIA.

- Agrimonia Eupatoria* Common agrimony.
Agrimonia parviflora Small flowered agrimony.

GEUM.—Avens.

- Geum album* Avens.
Geum strictum Avens.
Geum rivale Purple Avens.

WALDSTEINIA.

- Waldsteinia fragarioides* Barren strawberry.

POTENTILLA.—Cinque-foil, Five Finger.

Potentilla Canadensis	Cinque foil.
Potentilla Canadensis var simplex	Five finger.
Potentilla argentea	Five finger.
Potentilla recta	Five finger.
Potentilla Anserina	Silver weed.
Potentilla palustris	Marsh five finger.

FRAGARIA.

Fragaria Virginiana	Wild strawberry.
Fragaria vesca	Wild strawberry.

DALIBARDA.

Dalibarda repens	Dalibarda.
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RUBUS.—Bramble.

Rubus odoratus	Purple flowering raspberry.
Rubus triflorus	Dwarf raspberry.
Rubus strigosus	Wild red raspberry.
Rubus occidentalis	Black raspberry.
Rubus villosus	High blackberry.
Rubus Canadensis	Low blackberry.
Rubus hispidus	Running swamp blackberry.

ROSA.—Rose.

Rosa Carolina	Swamp rose.
Rosa blanda	Early wild rose.
Rosa rubiginosa	Sweet brier.
Rosa micrantha	Smaller sweet brier.

CRATÆGUS.—Hawthorn.

Cratægus Oxyacantha	English hawthorn.
Cratægus coccinea var macracantha	Large spurred thorn.
Cratægus coccinea	Scarlet fruited thorn.
Cratægus Crus-galli	Cockspur thorn.

PYRUS.

Pyrus malus	Apple.
Pyrus communis	Pear.
Pyrus coronaria	Wild Crab apple.
Pyrus arbutifolia	Chokeberry.
Pyrus Americana	Mountain ash.
Pyrus Aucuparia	European rowan tree.

AMELANCHIER.

Amelanchier Canadensis	Shad bush. Service berry.
Amelanchier Canadensis, var rotundifolia	Round leaved amelanchier.
Amelanchier Canadensis, var oblongifolia	Juneberry.

Order 35. SAXIFRAGACEÆ.—Saxifrage Family.

RIBES.—Currant, Gooseberry.

<i>Ribes Cynosbati</i>	Wild gooseberry.
<i>Ribes prostratum</i>	Fetid currant.
<i>Ribes floridum</i>	Wild black currant.
<i>Ribes rubrum</i>	Red currant
<i>Ribes aureum</i>	Buffalo currant.
<i>Ribes oxycanthoides</i>	Swamp gooseberry.

PARNASSIA.

<i>Parnassia Caroliniana</i>	Grass of Parnassus.
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SAXIFRAGA.

<i>Saxifraga Virginiensis</i>	Early saxifrage.
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MITELLA.

<i>Mitella diphylla</i>	Mitrewort.
<i>Mitella nuda</i>	Mitrewort.

TIARELLA.

<i>Tiarella cordifolia</i>	False mitrewort.
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CHRYSPLENIUM.

<i>Chrysosplenium Americanum</i>	Golden saxifrage.
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Order 36. CRASSULACEÆ.—Orpine Family.

PENTHORUM.

<i>Penthorum sedoides</i>	Ditch stone-crop.
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SEDUM.

<i>Sedum acre</i>	Mossy stone-crop.
<i>Sedum Telephium</i>	Garden orpine or live-for-ever.

Order 38. HAMAMELACEÆ.—Witch Hazel Family.

<i>Hamamelis Virginica</i>	Witch hazel.
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Order 39. HALORAGEÆ.—Water Milfoil Family.

MYRIOPHYLLUM.

<i>Myriophyllum spicatum</i>	Water milfoil.
<i>Myriophyllum verticillatum</i>	Water milfoil.

Order 41. LYTHRACEÆ.—Loosestrife Family.
LYTHRUM.

Lythrum Salicaria Spiked loosestrife.

NESÆA.

Nesæa verticillata Swamp loosestrife.

Order 42. ONAGRACEÆ.—Evening Primrose Family.**CIRCÆA.**

Circæa Lutetiana Enchanter's nightshade.

Circæa alpina Smaller E. nightshade.

GAURA.

Gaura biennis Gaura.

EPILOBIUM.

Epilobium spicatum Great willow herb.

Epilobium hirsutum Hairy willow herb.

Epilobium lineare Swamp willow herb.

Epilobium adencanlon Common willow herb.

ENOOTHERA.

Enothera biennis Evening primrose.

Enothera pumila Small evening primrose.

LUDWIGIA.

Ludwigia palustris Water purslane.

Order 47. FICOIDEÆ.—Ice Plant Family.**MOLLUGO.—Indian Chick weed.**

Mollugo verticillata Carpet weed.

Order 48. UMBELLIFERÆ.—Parsley Family.**HYDROCOTYLE.**

Hydrocotyle Americana Water pennywort.

SANICULA.

Sanicula Canadensis Canadian black snakeroot.

Sanicula Marilandica Black snakeroot.

DAUCUS.

Daucus Carota Carrot.

HERACLEUM.

Heracleum lanatum.....Cow parsnip.

PASTINACA.

Pastinaca sativa.....Common parsnip.

ARCHANGELICA.

Archangelica atropurpurea.....Great Angelica.

Archangelica hirsuta.....Angelica.

CONIOSELINUM.

Conioselinum Canadense.....Hemlock parsley.

THASPIUM.

Thaspium barbinode.....Meadow parsnip.

Thaspium aureum.....Golden meadow parsnip.

ZIZIA.

Zizia integrerrima.....Zizia.

CICUTA.

Cicuta maculata.....Spotted cowbane.

Cicuta bulbifera.....Cowbane.

SIUM.

Sium cicutæfolium.....Water parsnip.

CRYPTOTÆNIA.

Cryptotænia Canadensis.....Honewort.

OSMORRHIZA.

Osmorrhiza longistylis.....Smoother sweet cicely.

Osmorrhiza brevistylis.....Hairly sweet cicely.

CONIUM.

Conium maculatum.....Poison hemlock.

Order 49. ARALIACEÆ.—Ginseng Family.

ARALIA.

Aralia spinosa.....Angelica tree.

Aralia racemosa.....Spikenard.

Aralia nudicaulis.....Wild sarsaparilla.

Aralia quinquefolia.....Ginseng.

Aralia trifolia.....Dwarf ginseng.

Order 50. CORNACEÆ.—Dogwood Family.

CORNUS.

<i>Cornus Canadensis</i>	Dwarf cornel.
<i>Cornus florida</i>	Flowering dogwood.
<i>Cornus circinata</i>	Round leaved dogwood.
<i>Cornus sericea</i>	Silky cornel.
<i>Cornus stolonifera</i>	Red osier dogwood.
<i>Cornus asperifolia</i>	Rough leaved dogwood.
<i>Cornus paniculata</i>	Panicled cornel.
<i>Cornus alternifolia</i>	Alternate leaved cornel.

NYSSA.

<i>Nyssa multiflora</i>	Pepperidge.
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Order 51. CAPRIFOLIACEÆ.—Honeysuckle Family.

SYMPHORICARPUS.

<i>Symphoricarpus vulgaris</i>	Wolfberry.
<i>Symphoricarpus racemosa</i>	Snowberry.
<i>Symphoricarpus racemosus</i> , var <i>paniculatus</i>	Low snowberry.

LONICERA.

<i>Lonicera sempervirens</i>	Trumpet honeysuckle.
<i>Lonicera parviflora</i>	Small honeysuckle.
<i>Lonicera hirsuta</i>	Honeysuckle.
<i>Lonicera ciliata</i>	Fly honeysuckle.
<i>Lonicera Tartarica</i>	Tartarian honeysuckle.

DIERVILLA.

<i>Diervilla trifida</i>	Bush honeysuckle.
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TRIOSTEUM.

<i>Triosteum perfoliatum</i>	Horse gentian.
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SAMBUCUS.

<i>Sambucus Canadensis</i>	Elder.
<i>Sambucus pubens</i>	Red berried elder.

VIBURNUM.

<i>Viburnum Lentago</i>	Sheep berry.
<i>Viburnum dentatum</i>	Arrow wood.
<i>Viburnum cassinoides</i>	Withe rod.
<i>Viburnum pubescens</i>	Downy arrowwood.
<i>Viburnum acerifolium</i>	Maple leaved arrowwood.
<i>Viburnum Opulus</i>	Cranberry tree.

Order 52. RUBIACEÆ.—Madder Family.

GALIUM.

<i>Galium Aparine</i>	Cleavers.
<i>Galium asprellum</i>	Rough bedstraw.
<i>Galium trifidum</i>	Small bedstraw.
<i>Galium trifedum</i> , var <i>tinctorium</i>	Bedstraw.
<i>Galium triflorum</i>	Sweet bedstraw.
<i>Galium pilosum</i>	Bedstraw.
<i>Galium circeæans</i>	Wild liquorice.
<i>Galium lanceolatum</i>	Wild liquorice.
<i>Galium boreale</i>	Northern bedstraw.
<i>Galium verum</i>	Yellow bedstraw.

CEPHALANTHUS.

<i>Cephalanthus occidentalis</i>	Button bush.
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MITCHELLA.

<i>Mitchella repens</i>	Partridge berry.
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HOUSTONIA.

<i>Houstonia purpurea</i> , var <i>ciliolata</i>	Houstonia.
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Order 54. DIPSACEÆ.—Teasel Family.

<i>Dipsacus sylvestris</i>	Wild teasel.
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Order 55. COMPOSITÆ.—Composite Family.

EUPATORIUM.

<i>Eupatorium purpureum</i>	Joe Pye weed.
<i>Eupatorium perfoliatum</i>	Boneset.
<i>Eupatorium ageratoides</i>	White snakeroot.

TUSSILAGO.

<i>Tussilago Farfara</i>	Colt's foot.
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SERICOCARPUS.

<i>Sericocarpus solidagineus</i>	White topped aster.
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ASTER.

<i>Aster corymbosus</i>	Starwort.
<i>Aster macrophyllus</i>	Starwort.
<i>Aster umbellatus</i>	Starwort.
<i>Aster lævis</i>	Starwort.
<i>Aster undulatus</i>	Starwort.
<i>Aster cordifolius</i>	Starwort.
<i>Aster sagittifolius</i>	Starwort.
<i>Aster diffusus</i>	Starwort.
<i>Aster paniculatus</i>	Starwort.
<i>Aster puniceus</i>	Starwort.
<i>Aster Novæ Angliæ Tradescanti</i>	Starwort.

ERIGERON.

<i>Erigeron bellidifolius</i>	Robin's plantain.
<i>Erigeron Philadelphicus</i>	Common fleabane.
<i>Erigeron Canadensis</i>	Fleabane.
<i>Erigeron annuus</i>	Daisy fleabane.
<i>Erigeron strigosus</i>	Daisy fleabane.

BELLIS.

<i>Bellis perennis</i>	Daisy.
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SOLIDAGO.

<i>Solidago squarrosa</i>	Golden rod.
<i>Solidago bicolor</i>	Golden rod.
<i>Solidago latifolia</i>	Golden rod.
<i>Solidago caesia</i>	Golden rod.
<i>Solidago juncea</i>	Golden rod.
<i>Solidago patula</i>	Golden rod.
<i>Solidago rugosa</i>	Golden rod.
<i>Solidago Canadensis</i>	Golden rod.
<i>Solidago lanceolata</i>	Golden rod.
<i>Solidago nemoralis</i>	Golden rod.

INULA.

<i>Inula Helenium</i>	Elecampane.
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POLYMNIA.

<i>Polymnia Canadensis</i>	Leaf cup.
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AMBROSIA.

<i>Ambrosia artemisiæfolia</i>	Rag weed.
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XANTHIUM.

<i>Xanthium Canadense</i>	Cockle bur.
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HELIOPSIS.

<i>Heliopsis scabra</i>	Ox eye.
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RUDBECKIA.

<i>Rudbeckia laciniata</i>	Cone flower.
<i>Rudbeckia hirta</i>	Cone flower.

HELIANTHUS.

<i>Helianthus annuus</i>	Sunflower.
<i>Helianthus strumosus</i>	Sunflower.
<i>Helianthus divaricatus</i>	Sunflower.
<i>Helianthus decapetalus</i>	Sunflower.

COREOPSIS.

<i>Coreopsis trichosperma</i>	Tick seed.
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BIDENS.

<i>Bidens frondosa</i>	Beggar ticks.
<i>Bidens connata</i>	Swamp beggar ticks.
<i>Bidens cernua</i>	Smaller bur marigold.
<i>Bidens chrysanthemoides</i>	Larger bur marigold.

HELENIUM.

<i>Helenium autumnale</i>	Sneeze weed.
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ANTHEMIS.

<i>Anthemis Cotula</i>	May weed.
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ACHILLEA.

<i>Achillea Millefolium</i>	Yarrow.
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CHRYSANTHEMUM.

<i>Chrysanthemum Leucanthemum</i>	Oxeye daisy.
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TANACETUM.

<i>Tanacetum vulgare</i>	Tansy.
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ARTEMISIA.

<i>Artemisia Canadensis</i>	Mugwort.
<i>Artemisia Absinthium</i>	Wormwood.
<i>Artemisia biennis</i>	Biennial wormwood.

GNAPHALIUM.

<i>Gnaphalium polycephalum</i>	Common everlasting.
<i>Gnaphalium uliginosum</i>	Low cud weed.

ANTENNARIA.

<i>Antennaria plantaginifolia</i>	Plantain leaved everlasting.
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ANAPHALIS.

<i>Anaphalis margaritacea</i>	Pearly everlasting.
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ERECOTHITES.

<i>Erechtites hieracefolia</i>	Fireweed.
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SENECIO.

<i>Senecio aureus</i>	Golden ragwort.
<i>Senecio aureus</i> , var <i>balsamitæ</i> .	

CNICUS.

<i>Cnicus discolor</i>	Thistle.
<i>Cnicus lanceolatum</i>	Pasture thistle.
<i>Cnicus arvensis</i>	Canada thistle.

ARCTIUM.

Arctium Lappa Common burdock.

LAMPSANA.

Lampsana communis Nipplewort.

CICHORIUM.

Cichorium Intybus Succory or chicory

LEONTODON.

Leontodon autumnalis Fall dandelion.

CENTAUREA.

Centaurea cyanus Bluebottle.

HIERACIUM.

Hieracium Canadense Canada hawkweed.

Hieracium scabrum Rough hawkweed.

Hieracium venosum Rattlesnake weed.

Hieracium paniculatum Panicked hawkweed.

Hieracium marianum Hawkweed.

Hieracium aurantiacum Hawkweed.

PRENANTHES.

Prenanthes albus White lettuce.

Prenanthes altissimus Tall white lettuce.

TRAGOPOGON.

Tragopogon porrifolius Oyster plant.

TARAXACUM.

Taraxacum officinale Common dandelion.

LACTUCA.

Lactuca Canadensis Wild lettuce.

Lactuca Scariola Prickly lettuce.

Lactuca leucophæa False or blue lettuce.

SONCHUS.

Sonchus oleraceus Common sow thistle.

Sonchus asper Spiny-leaved sow thistle.

Sonchus arvensis Field sow thistle.

Order 56. LOBELIACEÆ.—Lobelia Family.

LOBELIA.

Lobelia cardinalis Cardinal flower.

Lobelia syphilitica Great Lobelia.

Lobelia inflata Indian tobacco.

Lobelia Kalmii Kalm's Lobelia.

 Order 57. CAMPANULACEÆ — Campanula Family.

CAMPANULIA.

- Campanula rotundifolia Harebell.
 Campanula aparinoides Marsh bellflower.
 Campanula Americana Tall bellflower.
 Campanula rapunculoides Bellflower.

SPECULARIA.

- Specularia perfoliata Venus' looking-glass.

Order 58. ERICACEÆ.—Heath Family.

GAYLUSSACIA.

- Gaylussacia resinosa Black huckleberry.

VACCINIUM.

- Vaccinium stamineum Squaw huckleberry.
 Vaccinium corymbosum Swamp blueberry.
 Vaccinium Pennsylvanicum Blueberry.

CHIOGENES.

- Chiogenes hispidula Creeping snowberry.

ARCTOSTAPHYLOS.

- Arctostaphylos Uva-ursi Bear berry.

GAULTHERIA.

- Gaultheria procumbens Creeping wintergreen.

CASSANDRA.

- Cassandra calyculata Leather leaf.

PYROLA.

- Pyrola rotundifolia Pyrola.
 Pyrola rotundifolia, var incarnata Pyrola.
 Pyrola rotundifolia, var asarifolia Pyrola.
 Pyrola elliptica Shin leaf.
 Pyrola chlorantha Pyrola.
 Pyrola secunda Pyrola.

MONESES.

- Moneses uniflora One-flowered pyrola.

CHIMAPHILA.

- Chimaphila umbellata Princess pine.
 Chimaphila maculata Spotted wintergreen.

MONOTROPA.

- Monotropa uniflora.....Indian pipe.
 Monotropa Hypopitys.....False beech-drops.

Order 61. PRIMULACEÆ.—Primrose Family.

TRIENTALIS.

- Trientalis AmericanaStar flower,

STEIRONEMA.—Loosestrife.

- Steironema ciliatumLoosestrife.
 Steironema longifoliumLoosestrife.

LYSIMACHIA.

- Lysimachia thyrsifloraTufted loosestrife.
 Lysimachia strictaLoosestrife.
 Lysimachia nummularia.....Moneywort.

SAMOLUS.

- Samolus Valenderi, var Americanus Water pimpernel.

Order 65. OLEACEÆ.—Olive Family.

LIGUSTRUM.

- Ligustrum vulgare Privet or prim.

SYRINGA.

- Syringa vulgarisLilac.

FRAXINUS.

- Fraxinus AmericanaWhite ash.
 Fraxinus excelsiorEuropean ash.
 Fraxinus pubescens.....Red ash.
 Fraxinus sambucifolia.....Black or water ash.

Order 66. APOCYNACEÆ.—Dogbane Family. •

APOCYNUM.

- Apocynum cannabinumIndian hemp.
 Apocynum androsæmifolium.....Dogbane.

Order 67. ASCLEPIADACEÆ.—Milkweed Family.

ASCLEPIAS.

- Asclepias cornuti.....Common milkweed.
 Asclepias phytolaccoidesPoke milkweed.
 Asclepias quadrifoliaMilkweed.
 Asclepias incarnata.....Swamp milkweed.
 Asclepias tuberosaButterfly weed.

VINCETOXICUM.

Vincetoxicum nigrum Climbing poison.

Order 69. GENTIANACEÆ.—Gentian Family.

FRASERA.

Frasera Carolinensis American Columbo.

GENTIANA.

Gentiana serrata Fringed gentian.

Gentiana Andrewsii Closed gentian.

Order 70. POLEMONIACEÆ.—Polemonium Family.

POLEMONIUM.

Polemonium reptans Greek valerian.

PHLOX.

Phlox divaricata Wild phlox.

Order 71. HYDROPHYLLACEÆ.—Waterleaf Family.

HYDROPHYLLUM.

Hydrophyllum Virginicum Waterleaf.

Hydrophyllum Canadense Waterleaf.

Order 72. BORRAGINACEÆ.—Borage Family.

ECHIUM.

Echium vulgare Viper's bugloss.

LYCOPSIS.

Lycopsis Arvensis Bugloss.

LITHOSPERMUM.

Lithospermum arvense Corn gromwell.

Lithospermum officinale Common gromwell.

MYOSOTIS.

Myosotis palustris Blue forget me not.

Myosotis laxa Forget me not.

Myosotis arvensis Forget me not.

Myosotis verna Forget me not.

ECHINOSPERMUM.

Echinospermum Lappula Stickseed.

CYNOGLOSSUM.

Cynoglossum officinale Common hound's tongue.

Cynoglossum Virginicum Wild comfrey.

Order 73. CONVULVULACEÆ.—Convolvulus Family.

CONVOLVULUS.

- Convolvulus sepium..... Hedge bindweed.
 Convolvulus spithamæa Bindweed.

CUSCUTA.

- Cuscuta Gronovii..... Gold thread.

Order 74. SOLANACEÆ.—Nightshade Family.

SOLANUM.

- Solanum Dulcamara Bitter sweet.
 Solanum nigrum Common nightshade.

PHYSALIS.

- Physalis grandiflora..... Ground cherry.
 Physalis pubescens Ground cherry.
 Physalis viscosa Ground cherry.
 Physalis lanceolata Ground cherry.

NICANDRA.

- Nicandra physaloides..... Apple of Peru.

DATURA.

- Datura Stramonium Thorn apple.

Order 75. SCROPHULARIACEÆ.—Figwort Family.

VERBASCUM.

- Verbascum Thapsus Common mullein.
 Verbascum Blattaria Moth mullein.

LINARIA.

- Linaria Canadensis Wild toad flax.
 Linaria vulgaris Toad flax, butter and eggs.

ANTIRRHINUM.

- Antirrhinum Orontium Snapdragon.

SCROPHULARIA

- Scrophularia nodosa Figwort.

CHELONE.

- Chelone glabra..... Turtlehead.

PENTSTEMON.

- Pentstemon pubescens..... Beard tongue.

MIMULUS.

Mimulus ringens Monkey flower.

GRATIOLA.

Gratiola Virginiana Hedge hyssop.

ILYSANTHES.

Ilysanthes gratioloides False pimpernel.

VERONICA.

Veronica Chamædrys Speedwell.
 Veronica Americana American brooklime.
 Veronica scutellata Marsh speedwell.
 Veronica officinalis Common speedwell.
 Veronica serpyllifolia Time leaved speedwell.
 Veronica peregrina Purslane speedwell.
 Veronica arvensis Corn speedwell.
 Veronica agrestis Field speedwell.

GERARDIA.

Gerardia purpurea Purple gerardia.
 Gerardia purpurea, var paupercula Gerardia.
 Gerardia quercifolia Smooth false foxglove.
 Gerardia pedicularia Gerardia.

CASTILLEIA.

Castilleia coccinea Painted cup.

PEDICULARIS.

Pedicularis Canadensis Common lousewort.
 Pedicularis lanceolata Lousewort.

MELAMPYRUM.

Melampyrum Americanum Cow wheat.

Order 76. OROBANCHACEÆ.—Broom Rape Family.

EPIPHEGUS.

Epiphegus Virginiana Beech-drops. Cancer root.

CONOPHOLIS.

Conopholis Americana Squaw-root. Cancer root.

APHYLLON.

Aphyllon uniflorum One-flowered cancer root.

Order 77. LENTIBULACEÆ.—Bladderwort Family.

UTRICULARIA.

Utricularia vulgaris Greater bladderwort.
 Utricularia gibba Small bladderwort.

Order 78. BIGNONIACEÆ.—Bignonia Family.

MARTYNIA.

Martynia proboscidea Unicorn plant.

Order 80. ACANTHACEÆ.—Acanthus Family.

DIANTHERA.

Dianthera Americana Water willow.

Order 81. VERBENACEÆ.—Vervain Family.

VERBENA.

Verbena hastata Blue vervain.

Verbena urticæfolia White vervain.

PHRYMA.

Phryma Leptostachya Lopseed.

Order 82. LABIATÆ.—Mint Family.

TEUCRIUM.

Teucrium Canadense American Germander.

MENTHA.

Mentha Canadensis Canada mint.

Mentha viridis Spearmint.

Mentha piperita Peppermint.

LYCOPUS.

Lycopus Virginicus Bugle weed.

Lycopus sinuatus Water horehound.

CALAMINTHA.

Calamintha Nuttallii Calaminth.

Calamintha clinopodium Basil.

MELISSA.

Melissa officinalis Balm.

HEDEOMA.

Hedeoma pulegioides American pennyroyal.

COLLINSONIA.

Collinsonia Canadensis Horse balm.

MONARDA.

Monarda fistulosa Wild bergamot.

LOPHANTHUS.

Lophanthus nepetoides Giant hyssop.

NEPETA.

- Nepeta Cataria* Catnip.
Nepeta Glechoma... Ground ivy.

PHYSOSTEGIA.

- Physostegia Virginiana* False dragonhead.

BRUNELLA.

- Brunella vulgaris*..... Self-heal.

SCUTELLARIA.

- Scutellaria canescens* Skullcap.
Scutellaria parvula Skullcap.
Scutellaria galericulata Skullcap.
Scutellaria lateriflora Skullcap.

GALEOPSIS.

- Galeopsis Tetrahit* Hemp nettle.

STACHYS.

- Stachys palustris*..... Hedge nettle.

LEONURUS.

- Leonurus Cardia* Motherwort.

Order 83. PLANTAGINACEÆ.—Plantain Family.

PLANTAGO.

- Plantago major* Common plantain.
Plantago lanceolata..... Ribgrass.

Order 86. AMARANTACEÆ.—Amaranth Family.

AMARANTUS.

- Amarantus retroflexus* Pigweed.
Amarantus albus Pigweed.

Order 87. CHENOPODIACEÆ.—Goosefoot Family.

CHENOPODIUM.

- Chenopodium album* Lamb's quarters.
Chenopodium glaucum Oak leaved goosefoot.
Chenopodium Botrys Jerusalem oak.

ATRIPLEX.—Orache.

- Atriplex patula* Orache.
Atriplex patula, var *hastata* Orache.

CORISPERMUM.

- Corispermum hyssopifolium* Bugseed.

Order 88. PHYTOLACCACEÆ.—Pokeweed Family.

PHYTOLACCA.

Phytolacca decandra Pigeon berry.

Order 89. POLYGONACEÆ.—Buckwheat Family.

POLYGONUM.

Polygonum Hartwrightii Knotweed.
Polygonum orientale Prince's feather.
Polygonum incarnatum Knotweed.
Polygonum Hydropiper Smartweed.
Polygonum acre Water smartweed.
Polygonum Virginianum Knotweed.
Polygonum aviculare Knotgrass.
Polygonum aviculare, var erectum Knotgrass.
Polygonum arifolium Tear thumb.
Polygonum sagittatum Arrow leaved tear thumb.
Polygonum convolvulus Black bindweed.
Polygonum dumetorum Climbing false buckwheat.

FAGOPYRUM.

Fagopyrum esculentum Buckwheat.

RUMEX.

Rumex crispus Curled dock.
Rumex sanguineus Bloody veined dock.
Rumex Acetosella Sheep sorrel.

Order 91. ARISTOLOCHIACEÆ.—Birthwort Family.

ASARUM.

Asarum Canadense Wild ginger.

Order 92. PIPERACEÆ.—Lizard's Tail Family.

SAURURUS.

Saururus cernuus Lizard's tail.

Order 93. LAURACEÆ.—Laurel Family.

SASSAFRAS.

Sassafras officinale Sassafras.

LINDERA.

Lindera Benzoin Wild allspice.

Order 94.—THYMELEACEÆ.—Mezereum Family.

DAPHNE.

Daphne mezereum English Daphne.

Order 95. ELÆAGNACEÆ.—Oleaster Family.

SHEPHERDIA.

Shepherdia Canadensis Canadian shepherdia.

Order 97. SANTALACEÆ.—Sandalwood Family.

COMANDRA.

Comandra umbellata Bastard toad flax.

Order 98. EUPHORBIACEÆ.—Spurge Family.

EUPHORBIA.

Euphorbia maculata Spurge.

Euphorbia Helioscopia Spurge.

ACALYPHA.

Acalypha Virginica Three-seeded mercury.

Order 99. URTICACEÆ.—Nettle Family.

ULMUS.

Ulmus Americana Elm.

CELTIS.

Celtis occidentalis Nettle tree or sugar berry.

MORUS.

Morus rubra Red mulberry.

Morus alba White mulberry.

URTICA.

Urtica gracilis Nettle.

LAPORTEA.

Laportea Canadensis Wood nettle.

PILEA.

Pilea pumila Clearweed.

BOEHMERIA.

Boehmeria cylindrica False nettle.

HUMULUS.

Humulus Lupulus Common hop.

Order 100. PLATANACEÆ.—Plane Tree Family.

PLATANUS.

Platanus Occidentalis.....Sycamore tree.

Order 101. JUGLANDACEÆ.—Walnut Family.

JUGLANS.

Juglans cinereaButternut.

Juglans nigra.....Black walnut.

CARYA.

Carya albaShell bark hickory.

Carya porcinaPig nut.

Carya amaraBitter nut.

Carya tomentosaDowny hickory.

Order 103. CUPULIFERÆ.—Oak Family.

QUERCUS.

Quercus albaWhite oak.

Quercus bicolorSwamp white oak.

Quercus PrinusChestnut oak.

Quercus acuminataYellow chestnut oak.

Quercus coccineaScarlet oak.

Quercus rubraRed oak.

Quercus palustris.....Swamp pin oak.

FAGUS.

Fagus ferruginea.....American beech.

OSTRYA.

Ostrya Virginica.....American hop horn beam.

CARPINUS.

Carpinus AmericanaIron wood.

BETULA.

Betula luteaYellow birch.

Betula albaWhite birch.

Betula papyraceaPaper birch.

ALNUS.

Alnus incanaAlder.

Order 104. SALICACEÆ.—Willow Family.

SALIX.

Salix discolorGlaucous willow.

Salix petiolarisPetoled willow.

Salix albaWhite willow.

Salix Babylonica.....Weeping willow.

Salix longifoliaLong leaved willow.

POPULUS.

<i>Populus grandidentata</i>	Large toothed aspen.
<i>Populus monilifera</i>	Cotton wood.
<i>Populus balsamifera</i>	Balsam poplar.
<i>Populus alba</i>	White poplar.
<i>Populus tremuloides</i>	Aspen.

Order 106. CERATOPHYLLACEÆ.—Hornwort Family.

CERATOPHYLLUM.

<i>Ceratophyllum demersum</i>	Hornwort.
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Order 107. CONIFERÆ.—Pine Family.

PINUS.

<i>Pinus Strobus</i>	White oak.
<i>Pinus resinosa</i>	Red pine.

ABIES.

<i>Abies balsamea</i>	Balsam Fir.
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TSUGA.

<i>Tsuga Canadensis</i>	Hemlock.
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LARIX.

<i>Larix Americana</i>	Larch.
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THUYA.

<i>Thuya Occidentalis</i>	American arbor vitæ.
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JUNIPERUS.

<i>Juniperus Virginiana</i>	Red cedar.
<i>Juniperus sabina</i> var <i>procumbens</i>	Creeping Juniper.
<i>Juniperus communis</i>	Juniper.

TAXUS.

<i>Taxus baccata</i> var <i>Canadensis</i>	American yew.
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Order 108. HYDROCHARIDACEÆ.—Frog's Bit Family.

ANACHARIS.

<i>Anacharis Canadensis</i>	Waterweed.
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CHARA.

<i>Chara fragilis</i>	Waterweed.
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VALLISNERIA.

<i>Vallisneria spiralis</i>	Eel grass. Tape grass.
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 Order 110. ORCHIDACEÆ.

ORCHIS.

Orchis spectabilis Showy orchis.

HABENARIA.

Habenaria virescens Rein orchis.
Habenaria viridis Rein orchis.
Habenaria hyperborea Rein orchis.
Habenaria Hookeri Rein orchis.
Habenaria blephariglottis .. . White fringed orchis.
Habenaria lacera Ragged fringed orchis.
Habenaria pycodes Purple fringed orchis.

GOODYERA.

Goodyera pubescens Rattlesnake plantain.

SPIRANTHES. —Ladies' Tresses.

Spiranthes latifolia Ladies' tresses.
Spiranthes Romanzoviana Ladies' tresses.
Spiranthes cernua Ladies' tresses.

LISTERA.

Listera convallarioides Tway blade.

MICROSTYLIS.

Microstylis monophyllis Adder's mouth.

LIPARIS.

Liparis Lœselii Tway blade.

CORALLORHIZA.

Corallorhiza innata Coral root.
Corallorhiza multiflora Coral root.

APLECTRUM.

Aplectrum hyemale Adam and Eve.

CYPRIPEDIUM.

Cypripedium parviflorum Moccasin flower.
Cypripedium pubescens Moccasin flower.

Order 113. IRIDACEÆ.—Iris Family.

Iris versicolor Large blue flag.

SISYRINCHIUM.

Sisyrinchium anceps Blue-eyed grass.

 Order 114. AMARYLLIDACEÆ.—Amaryllis Family.

HYPOXYS.

Hypoxys erecta Star grass.

Order 115. DIOSCOREACEÆ.—Yam Family.

DIOSCOREA.

Dioscorea villosa Wild yam root.

Order 116. LILIACEÆ.—Lily Family.

TRILLIUM.

Trillium grandiflorum Large white trillium.

Trillium erectum Purple trillium.

Trillium erectum, var viride Trillium.

MEDEOLA.

Medeola Virginica Indian cucumber.

MELANTHIUM.

Melanthium Virginicum Bunch flower.

UVULARIA.

Uvularia grandiflora Bellwort.

Uvularia perfoliata Smaller bellwort.

Uvularia sessilifolia Bellwort.

SMILACINA.

Smilacina racemosa False spikenard.

Smilacina stellata False Solomon's seal.

Smilacina trifolia False Solomon's seal.

Smilacina bifolia False Solomon's seal.

POLYGONATUM.

Polygonatum giganteum Solomon's seal.

Polygonatum biflorum Solomon's seal.

ASPARAGUS.

Asparagus officinalis Asparagus.

LILIUM.

Lilium Philadelphicum Wild orange red lily.

Lilium Canadense Wild yellow lily.

Lilium Carolinianum Lily.

ERYTHRONIUM.

- Erythronium Americanum* Yellow adder's tongue.
Erythronium albidum White dog's tooth violet.

ALLIUM.

- Allium tricoccum* Wild leek.
Allium Canadense Wild garlic.

SMILAX.

- Smilax hispida* Greenbrier.
Smilax herbacea Carrion flower.

Order 117. PONTEDERIACEÆ.—Pickerel Weed Family.**PONTEDERIA.**

- Pontederia cordata*, var *angustifolia* Pickerel weed.

SCHOLLERA.

- Schollera graminea* Water star grass.

Order 121. JUNCACEÆ.—Rush Family.**LUZULA.**

- Luzula pilosa* Woodrush.
Luzula campestris, var *pallescent* Woodrush.

JUNCUS.

- Juncus effusus* Soft rush.
Juncus filiformis Rush.
Juncus Balticus Rush.
Juncus Bufonius Rush.
Juncus tenuis Rush.
Juncus articulatus Rush.
Juncus alpinus var *insignis* Rush.
Juncus nodosus Rush.
Juncus nodosus, var *megacephalus* Rush.
Juncus Canadensis, var *longicaudatus* .. Rush.

Order 122. TYPHACEÆ.—Cat-Tail Family.**TYPHA.**

- Typha latifolia* Cat-tail flag.
Typha angustifolia Small cat-tail flag.

SPARGANIUM.

- Sparganium eurycarpum* Bur-reed.
Sparganium simplex Bur-reed.

Order 123. ARACEÆ.—Arum Family.

ARISÆMA.

Arisæma triphyllum Indian turnip.

SYMPLOCARPUS.

Symplocarpus foetidus Skunk cabbage.

Order 125. ALISMACEÆ.—Water Plantain Family.

TRIGLOCHIN.

Triglochin palustre Arrow grass.

ALISMA.

Alisma Plantago var *Americanum* Water plantain.

SAGITTARIA.

Sagittaria variabilis Arrowhead.

Sagittaria variabilis, var *hastata* Arrowhead.

Sagittaria variabilis, var *angustifolia* .. Arrowhead.

Sagittaria heterophylla Arrowhead.

Order 126. NAIADACEÆ.—Pondweed Family.

NAIAS.

Najas flexilis Naiad.

POTAMOGETON.

Potamogeton natans Pondweed.

Potamogeton natans, var *prolixus* Pondweed.

Potamogeton mucronætus Pondweed.

Potamogeton prælongus Pondweed.

Potamogeton perfoliatus Pondweed.

Potamogeton pauciflorus Pondweed.

Potamogeton pusillus Pondweed.

Potamogeton zosterifolius Pondweed.

Potamogeton pectinatus Pondweed.

Order 128. CYPERACEÆ.—Sedge Family.

CYPERUS.

Cyperus diandrus Galingale.

Cyperus esculentus Galingale.

Cyperus strigosus Galingale.

Cyperus Schweinitzii Galingale.

Cyperus filiculmis Galingale.

DULICHIMUM.

Dulichium spathaceum Dulichium.

ELEOCHARIS.

<i>Eleocharis obtusa</i>	Spikerush.
<i>Eleocharis palustris</i>	Spikerush.
<i>Eleocharis acicularis</i>	Spikerush.

SCIRPUS.

<i>Scirpus pungens</i>	Bulrush.
<i>Scirpus lacustris</i>	Bulrush.
<i>Scirpus fluviatilis</i>	Clubrush.
<i>Scirpus sylvaticus</i>	Clubrush.
<i>Scirpus atrovirens</i>	Clubrush.

ERIOPHORUM.

<i>Eriophorum cyperinum</i>	Cotton or wool grass.
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CAREX.

<i>Carex festucasea</i>	Sedge.
<i>Carex echinata</i>	Sedge.
<i>Carex polytrichoides</i>	Sedge.
<i>Carex tribuloides var cristata</i>	Sedge.
<i>Carex teretiuscula</i>	Sedge.
<i>Carex vulpinoidea</i>	Sedge.
<i>Carex sparganioides</i>	Sedge.
<i>Carex cephalophora</i>	Sedge.
<i>Carex rosea</i>	Sedge.
<i>Carex tenella</i>	Sedge.
<i>Carex scoparia</i>	Sedge.
<i>Carex virescens</i>	Sedge.
<i>Carex straminea</i>	Sedge.
<i>Carex stricta</i>	Sedge.
<i>Carex crinita</i>	Sedge.
<i>Carex aurea</i>	Sedge.
<i>Carex Crawei</i>	Sedge.
<i>Carex stricta var decora</i>	Sedge.
<i>Carex granularis</i>	Sedge.
<i>Carex gracillima</i>	Sedge.
<i>Carex plantaginea</i>	Sedge.
<i>Carex Careyana</i>	Sedge.
<i>Carex laxiflora var patulifolia</i>	Sedge.
<i>Carex eburnea</i>	Sedge.
<i>Carex pedunculata</i>	Sedge.
<i>Carex Pennsylvanica</i>	Sedge.
<i>Carex flava</i>	Sedge.
<i>Carex Oederi</i>	Sedge.
<i>Carex intumescens</i>	Sedge.
<i>Carex Grayii</i>	Sedge.
<i>Carex lupulina</i>	Sedge.
<i>Carex Tuckermani</i>	Sedge.
<i>Carex tribuloides</i>	Sedge.
<i>Carex triceps</i>	Sedge.

 Order 129. GRAMINEÆ.—Grass Family.

LEERSIA.

Leersia oryzoides Rice cut grass.

ALOPECURUS.

Alopecurus aristulatus Foxtail grass.

PHLEUM.

Phleum pratense Timothy.

SPOROBOLUS.

Sporobolus vaginiflorus Rush grass.

AGROSTIS.

Agrostis perennans Thin grass.

Agrostis scabra Hair grass.

Agrostis vulgaris Red top.

Agrostis alba White rent grass.

CINNA.

Cinna pendula Wood reed grass.

MUHLENBERGIA.

Muhlenbergia sylvatica Drop seed grass.

Muhlenbergia Willdenovii Drop seed grass.

ORYZOPSIS.

Oryzopsis asperifolia Mountain rice.

CYNOSURUS.

Cynosurus cristatus Dog's-tail grass.

DACTYLIS.

Dactylis glomerata Orchard grass.

GLYCERIA.

Glyceria nervata Fowl meadow grass

Glyceria fluitans Fowl meadow grass

POA.

Poa compressa Wire grass.

Poa serotina False red top.

Poa pratensis Meadow grass.

Poa debilis Weak meadow grass.

FESTUCA.

Festuca elatior Meadow fescue.

Festuca nutans Fescue.

BROMUS.

<i>Bromus secalinus</i>	Cheat or chess.
<i>Bromus ciliatus</i>	Brome grass.

LOLIUM.

<i>Lolium perenne</i>	Darnel or rye grass.
<i>Lolium temulentum</i>	Bearded darnell.

HORDEUM.

<i>Hordeum jubatum</i>	Squirrel-tail grass.
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ELYMUS.

<i>Elymus Virginicus</i>	Lyme grass.
<i>Elymus Canadensis</i>	Lyme grass.
<i>Elymus striatus</i>	Lyme grass.
<i>Elymus sativa</i>	Lyme grass.

CHRYSOPOGON.

<i>Chrysopogon nutans</i>	Wood grass.
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ASPRELLA.

<i>Asprella hystrix</i>	Bottle brush grass.
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DANTHONIA.

<i>Danthonia spicata</i>	Wild oat grass.
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AIRA.

<i>Aira cæspitosa</i>	Hair grass.
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HOLCUS.

<i>Holcus lanatus</i>	Velvet grass.
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ANTHOXANTHUM.

<i>Anthoxanthum odoratum</i>	Sweet vernal grass.
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PANICUM.

<i>Panicum sanguinale</i>	Crab grass.
<i>Panicum capillare</i>	Old witch grass.
<i>Panicum latifolium</i>	Panic grass.
<i>Panicum dichotomum</i>	Panic grass.
<i>Panicum Crus-galli</i>	Barnyard grass.

SETARIA.

<i>Setaria viridis</i>	Green foxtail grass.
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ANDROPOGON.

<i>Andropogon provincialis</i>	Beard grass.
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AGROPYRUM.

<i>Agropyrum caninum</i>	Spear grass.
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Order 130. EUISETACEÆ.—Horsetail Family.

EUISETUM.

<i>Equisetum arvense</i>	Common horsetail.
<i>Equisetum pratense</i>	Meadow horsetail.
<i>Equisetum palustre</i>	Water horsetail.
<i>Equisetum limosum</i>	River horsetail.
<i>Equisetum hyemale</i>	Scouring rush.
<i>Equisetum variegatum</i>	Variegated horsetail.
<i>Equisetum scirpoides</i>	Little horsetail.

Order 131. FILICES.—Ferns.

POLYPODIUM.

<i>Polypodium vulgare</i>	Polypody.
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ADIANTUM.

<i>Adiantum pedatum</i>	Maidenhair.
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PTERIS.

<i>Pteris aquilina</i>	Common brake.
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PELLÆA.

<i>Pellæa gracilis</i>	Cliff brake.
<i>Pellæa atropurpurea</i>	Cliff brake.

ASPLENIUM.

<i>Asplenium Trichomanes</i>	Spleenwort.
<i>Asplenium angustifolium</i>	Spleenwort.
<i>Asplenium thelypteroides</i>	Spleenwort.
<i>Asplenium Filix fœmina</i>	Spleenwort.

SCOLOPENDRIUM.

<i>Scolopendrium vulgare</i>	Hart's-tongue.
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CAMPTOSORUS.

<i>Camptosorus rhizophyllus</i>	Walking leaf.
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PHEGOPTERIS.

<i>Phegopteris polypodioides</i>	Beech fern.
<i>Phegopteris Dryopteris</i>	

ASPIDIUM.

<i>Aspidium Thelypteris</i>	Shield fern.
<i>Aspidium Noveboracense</i>	
<i>Aspidium spinulosum</i>	
<i>Aspidium spinulosum</i> var <i>intermedium</i>	
<i>Aspidium spinulosum</i> var <i>dilatatum</i>	
<i>Aspidium cristatum</i> var <i>Clintonianum</i>	
<i>Aspidium Goldianum</i>	
<i>Aspidium Filix mas</i>	
<i>Aspidium marginale</i>	
<i>Aspidium acrostichoides</i>	
<i>Aspidium acrostichoides</i> var <i>incisum</i>	
<i>Aspidium aculeatum</i>	

CYSTOPTERIS.

Cystopteris bulbifera Bladder fern.

STRUTHIOPTERIS.

Struthiopteris Germanica Ostrich fern.

ONOCLEA.

Onoclea sensibilis Sensitive fern.

OSMUNDA.

Osmunda regalis Flowering royal fern.

Osmunda Claytoniana.

Osmunda cinnamomea Cinnamon fern.

LOMARIA.

Lomaria spicant Deer fern.

Order 132. OPHIOGLOSSACEÆ.—Adder's Tongue Family.

BOTRYCHIUM.

Botrychium Lunaria (Grape fern)..... Moonwort.

Botrychium lanceolatum.

Botrychium Virginicum.

Botrychium lunaroides.

Botrychium lunaroides, var *obliquum*.

Botrychium matricariæfolium.

Botrychium lunaroides, var *dissectum*.

Order 133. LYCOPODIACEÆ.—Club Moss Family.

• LYCOPODIUM.

Lycopodium lucidulum Club moss.

Lycopodium complanatum Club moss.

Order 134. SELAGINELLACEÆ.

SELAGINELLA.

Selaginella apus.

HEPATICÆ.—Liverworts.

Preissia hemispherica Liverwort.

Trichocolea tomentella Liverwort.

Kantia trichomanis Liverwort.

Fegatella conica Liverwort.

Porella platyphylla Liverwort.

MUSCI.

HYPNUM.

Hypnum chrysophyllum.
 Hypnum curvifolium.
 Hypnum Haldanianum.
 Hypnum imponens.
 Hypnum lætum.
 Hypnum rivulare.
 Hypnum Rutabulum.
 Hypnum salebrosum.
 Hypnum serpens.
 Hypnum splendens.
 Hypnum stellatum.
 Hypnum strigosum.
 Hypnum triquetrum.
 Hypnum uncinatum.

MNIUM.

Mnium cuspidatum.
 Mnium affine.

POLYTRICHUM.

Polytrichum juniperinum.

SPHAGNUM.

Sphagnum cymbifolium.

WEBERA.

Webera annotina.

FUNARIA.

Funaria hygrometrica.

ANOMODON.

Anomodon rostratus.
 Anomodon obtusifolius.

CERATODON.

Ceratodon purpureus.

BRYUM.

Bryum intermedium.
 Bryum roseum.

BARTRAMIA.

Bartramia pomiformis.

LEUCOBRYUM.

Leucobryum vulgare.

AULACOMNIUM.

Aulacomnium heterostichum.
Aulacomnium palustre.

THUIDIUM.

Thuidium delicatulum.
Thuidium recognitum.

PLAGIOTHECIUM.

Plagiothecium denticulatum.

FISSIDENS.

Fissidens adiantoides.

ATRICHUM.

Atrichum undulatum.

CLIMACIUM.

Climacium Americanum.

DICRANUM.

Dicranum scoparium.

LICHENS.

Ramalina calicaris, var *fraxinea* Lichen.
Ramalina calicaris, var *parinacea* Lichen.
Ramalina calicaris, var *fastigiata* Lichen.
Alectoria jubata, var *chalybeiformis* Lichen.
Evernia prunastri Lichen.
Usnea barbata, var *hista*..... Lichen.
Theloschistes chrysophthalmus..... Lichen.
Physcia ciliaris Lichen.
Cladonia pyridata Lichen.
Cladonia fimbriata Lichen.
Cladonia furcata Lichen.
Cladonia rangiferina Lichen.
Pettigera aphthosa Lichen.
Sticta pulmonaria Lichen.
Leptogium tremelloides Lichen.
Parmenia plysodes Lichen.
Parmelia caperata Lichen.
Parmelia saratitidis, var *sulcata* Lichen.
Cetraria ciliaris Lichen.
Sticta amplissima Lichen.

